

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number  
**WO 2005/032026 A3**

(51) International Patent Classification<sup>7</sup>: **H04L 12/28, 12/56, H04H 1/00**

(71) Applicant (for all designated States except US): **BAM-BOO MEDIACASTING LTD. [IL/IL]; P.O. BOX 5035, 44150 KFAR-SABA (IL).**

(21) International Application Number:

PCT/IL2004/000903

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FUCHS, Meir [IL/IL]; 18/4 NAHAL HAYARKON STREET, 71700 MODYIN (IL). MORAG, Guy [IL/IL]; 6 HAGILAD STREET, 44864 KOCHAV YAIR (IL). GOREN, Ido [IL/IL]; 3 MALCHEI YEHUDA STREET, 46348 HERZELIA (IL). AMRAM, Noam [IL/IL]; 12 TCHARNIHOVSKI STREET, 58382 HOLON (IL).**

(22) International Filing Date:

28 September 2004 (28.09.2004)

(74) Agents: **FENSTER, Paul et al.; FENSTER & COMPANY, INTELLECTUAL PROPERTY 2002 LTD., P. O. BOX 10256, 49002 PETACH TIKVA (IL).**

(25) Filing Language: English

(81) Designated States (unless otherwise indicated, for every kind of national protection available): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,**

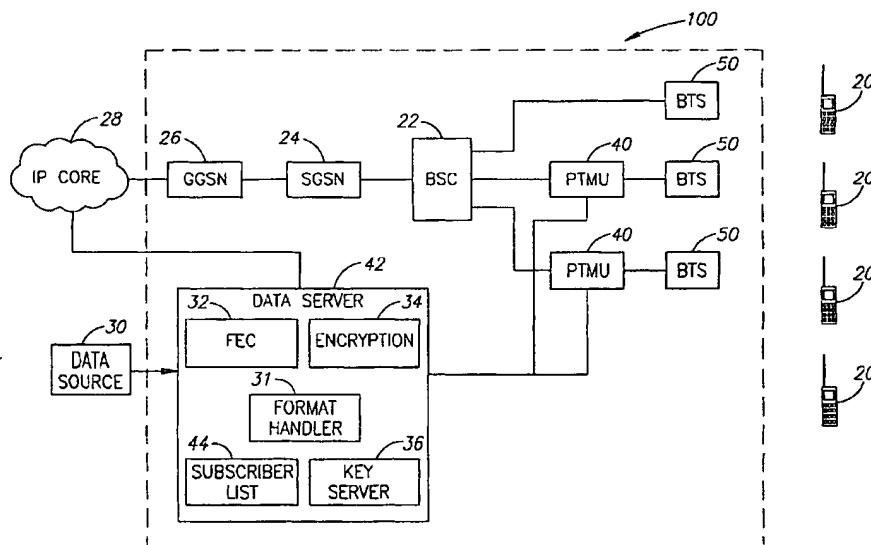
(26) Publication Language: English

*[Continued on next page]*

(54) Title: DISTRIBUTION OF MULTICAST DATA TO USERS



**WO 2005/032026 A3**



(57) Abstract: A method of multicasting a data file. The method includes transmitting a notification on an upcoming multicast transmission to a plurality of receivers (20) designated to receive the multicast transmission, tuning by at least one of the plurality of receivers (20) to one or more multicast channels, responsive to the notification, transmitting a data file, from a data server (42), on the one or more multicast channels, without the data server (42) receiving acknowledgements from the receivers (20) on whether they received the notification, determining receivers (20) designated to receive the multicast transmission that did not receive at least a portion of the data file; and attempting to deliver the data file to the determined receivers (20).



PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) **Date of publication of the international search report:**  
12 May 2005

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*